



217/782-2113

OPERATING PERMIT

PERMITTEE

The Sherwin Williams Company  
Attn: Richard P. Martin  
11541 S. Champlain Avenue  
Chicago, IL 60628

EPA Region 5 Records Ctr.



355918

Application No.: 92110072

I.D. No.: 031600AHO

Applicant's Designation: PP-COM92-1

Date Received: November 23, 1992

Subject: Storage Tanks

Date Issued: December 29, 1992

Expiration Date: December 23, 1995

Location: 11541 S. Champlain Avenue, Chicago

Permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of seven storage tanks (Tank #'s 1-5, 698 and 699) as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. Emissions of volatile organic material from tank #698 shall not exceed 0.70 tons/year. This limit is based on standard AP42 fixed roof storage tank emission equations and the information provided in the permit application.
- b. This permit is issued based on negligible emissions of volatile organic material from six storage tanks (Tank #'s 1-5 and 699). For this purpose, emissions shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
- 2a. The Permittee shall maintain records of the throughputs and materials stored to allow the Agency to review compliance with the limits in Condition 1.
- b. The Permittee shall notify the Agency of any change in the type of material stored that are different than those identified in the application.



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If you have any questions on this, please call Ray Pilapil at 217/782-2113.

*Donald E. Sutton / s.e.*

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

DES:REP:mab/667N/sp/37-38

*REP*  
cc: Region 1



STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62706

**STANDARD CONDITIONS  
FOR  
OPERATING PERMITS**

July 1, 1985

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

The following conditions are applicable unless superseded by special permit condition(s).

1. The issuance of this permit does not release the permittee from compliance with state and federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or with applicable local laws, ordinances and regulations.
2. The Agency has issued this permit based upon the information submitted by the permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under 35 Ill. Adm. Code 201.207.
3.
  - a. The permittee shall not authorize, cause, direct or allow any modification, as defined in 35 Ill. Adm. Code 201.102, of equipment, operations or practices which are reflected in the permit application as submitted unless a new application or request for revision of the existing permit is filed with the Agency and unless a new permit or revision of the existing permit(s) is issued for such modification.
  - b. This permit only covers emission sources and control equipment while physically present at the indicated plant location(s). Unless the permit specifically provides for equipment relocation, this permit is void for an item of equipment on the day it is removed from the permitted location(s) or if all equipment is removed, notwithstanding the expiration date specified on the permit.
4. The permittee shall allow any duly authorized agent of the Agency, upon the presentation of credentials, at reasonable times:
  - a. to enter the permittee's property where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit,
  - b. to have access to and to copy any records required to be kept under the terms and conditions of this permit,
  - c. to inspect, including during any hours of operation of equipment constructed or operated under this permit, such equipment and any equipment required to be kept, used, operated, calibrated and maintained under this permit,
  - d. to obtain and remove samples of any discharge or emission of pollutants, and
  - e. to enter and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring or recording any activity, discharge or emission authorized by this permit.
5. The issuance of this permit:
  - a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are located.
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the facilities,

# CALCULATION SHEET

Facility : Sherwin Williams Co.  
 Anal. Eng. : REP  
 DATE : 12/21/92

I.D. : 031600AHO  
 PN : 92110072  
 Date Rec. : 11/23/92

Application to OPERATE 7 storage tanks which were installed in 1978.

Tank #	Capacity (gals)	Contents	Vapor Pressure (psi)	AP42 Emissions** (T/yr)
1	10,000	Latex	negl.	negl.
2	10,000	Di Octyladipate	negl.	negl.
3	11,770	Latex	0.34	negl.
4	11,770	Polyol	negl.	negl.
5	11,770	Latex	0.34	negl.
699	7,500	Clean solvent wash	1.35*	negl.
698	15,000	Spent solvent wash	1.35*	0.70

\*Per Dick Martin, the solvent wash vapor pressure was calculated using MEK which had the highest vapor pressure.

\*\*Emissions were calculated using AP42 fixed roof tank emission equations. All other tanks have negligible emissions due to low vapor pressures.

$$VOM = L_B + L_W$$

$$= (0.0226)M_V [P/(P_A - P)]^{0.68} D^{1.73} H^{0.51} T^{0.5} F_P C K_C + 0.000024 M_V P V N K_N K_C$$

Tank 698 VOM:

$$= 0.0226(72)(1.35/14.7-1.35)^{0.68} 12.2^{1.73} 7^{0.51} 20^{0.5} 1.4(0.55)1 +$$

$$0.000024(72)1.35(15,000)33.33(1)1$$

$$= 1407.36 \text{ lb/yr or } 0.70 \text{ T/yr}$$

Tank 699 VOM:

$$= 0.0226(72)(1.35/14.7-1.35)^{0.68} 12^{1.73} 6^{0.51} 20^{0.5} 1(0.55)1 +$$

$$0.000024(72)1.35(7,500)23.33(1)1$$

$$= 562.87 \text{ lb/yr or } 0.28 \text{ T/yr or negligible emissions}$$

Applicable rules:

Section 218.121 is not applicable since the vapor pressure in each tank does not exceed 2.5 psia.

In compliance with Section 218.122(a) and (b) since each tank has a submerged loading pipe.

Facility is a paint and ink manufacturing facility subject to 218 Subpart AA. Specifically, these storage tanks are subject to 218.626(a) and (b). 218.626(a) is not applicable since the VOL stored is less than 1.5 psi. In compliance with 218.626(b) since each tank has a submerged loading pipe.

Grant, limit all storage tanks to negligible emissions except Tank 698 which will be limited to 0.7 T/yr. Condition for storage tanks not to store material greater than 1.5 psi unless this permit is modified to ensure compliance with Section 218.626(a).



The Sherwin-Williams Company  
11541 S. Champlain Ave.  
Chicago, Illinois 60628-5795  
Phone (312) 821-3000

November 20, 1992

Mr. Donald E. Sutton  
Illinois Environmental Protection Agency  
Division of Air Pollution Control  
2200 Churchill Road  
Springfield, Illinois #62706

RECEIVED

NOV 23 1992

EPA-DAPC-SPFLD.

Dear Sir:

Enclosed are Air Permit Application forms APC - 200 & 232 which have been completed for the following existing storage tanks at our Chicago, Illinois facility:

<u>TANK ID #</u>	<u>BLDG. LOCATION</u>	<u>CAPACITY (GLS.)</u>	<u>CONTENTS</u>
#1	198-1	10,000	Latex
#2	198-1	10,000	Di Octyladipate
#3	198-1	11,770	Latex
#4	198-1	11,770	Polyol
#5	198-1	11,770	Latex

These tanks were installed in 1978, and at that time, Sherwin-Williams contacted Illinois EPA to determine whether Construction and Operating Permits were required for these units. Based upon a review of State regulations, the Agency and Sherwin-Williams arrived at the mutual conclusion that such Permits were **not** required because these tanks are not "emission sources" (i.e. they do not emit "specified air contaminants", namely VOM or VOC.). This decision is based upon the fact that the above materials do **not** meet the definition of "photochemically reactive material" as defined by the State. Two of the above materials, Di Octyl Adipate and Polyol, also exhibit negligible volatility.

Based upon a recent review of current State regulations, Sherwin-Williams believes that the above rationale still applies, and that Permits are not required for these tanks. Nevertheless, in order to satisfy recent concerns expressed by U.S.EPA Region V, we want to demonstrate a good faith effort and are therefore, submitting the enclosed Applications.

(Continued Page #2)

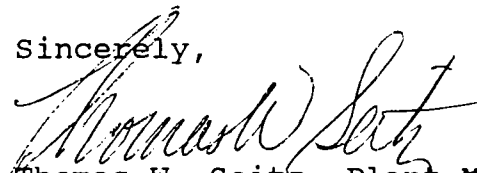
In addition, Sherwin-Williams is submitting Air Permit Application forms APC - 200 & 232 for the following tanks:

<u>TANK ID #</u>	<u>BLDG. LOCATION</u>	<u>CAPACITY (GLS.)</u>	<u>CONTENTS</u>
#698	Yard A	15,000	Dirty Cleaning Solvent
#699	Yard A	7,500	Reclaimed Solvent

These tanks are part of our Chicago Facility's "closed-loop" solvent reclamation system. As specified under 35 IAC 218.XXX, these tanks are exempt from Air Permitting requirements because their VOM emissions do not exceed 2.5 tons/year, and total emissions from the solvent reclamation system do not exceed 5.0 tons/year. Nevertheless, while Permits are not required for these tanks, in order to satisfy recent concerns expressed by U.S.EPA - Region V, we want to demonstrate a good faith effort and are therefore, submitting the enclosed Applications.

Please contact me if you have any questions concerning the enclosed Applications.

Sincerely,

  
Thomas W. Seitz, Plant Manager  
Chemical Coatings Manufacturing  
The Coatings Division

RBMartin/reh  
1 (312) #821-3325

(Enclosure)

STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62794-9276

APPLICATION FOR PERMIT <sup>(A)</sup>		FOR AGENCY USE ON:	
<input type="checkbox"/> CONSTRUCT <input checked="" type="checkbox"/> OPERATE		I.D. NO. <u>031-600-AH0</u>	
NAME OF EQUIPMENT TO BE CONSTRUCTED OR OPERATED <u>Storage Tanks</u> (B)		PERMIT NO. <u>92110072</u>	
		DATE <u>11-23-92</u>	

1a. NAME OF OWNER: <u>The Sherwin-Williams Company</u>		2a. NAME OF OPERATOR: <u>The Sherwin-Williams Company</u>	
1b. STREET ADDRESS OF OWNER: <u>101 Prospect Avenue, N.W.</u>		2b. STREET ADDRESS OF OPERATOR: <u>11541 S. Champlain Avenue</u>	
1c. CITY OF OWNER: <u>Cleveland</u>		2c. CITY OF OPERATOR: <u>Chicago</u>	
1d. STATE OF OWNER: <u>Ohio</u>	1e. ZIP CODE: <u>44115-1075</u>	2d. STATE OF OPERATOR: <u>Illinois</u>	2e. ZIP CODE: <u>60628</u>

3a. NAME OF CORPORATE DIVISION OR PLANT: <u>Coatings</u>		3b. STREET ADDRESS OF EMISSION SOURCE:		
3c. CITY OF EMISSION SOURCE: <u>Chicago</u>	3d. LOCATED WITHIN CITY LIMITS: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3e. TOWNSHIP: <u>Hyde Park</u>	3f. COUNTY: <u>Cook</u>	3g. ZIP CODE: <u>60628</u>

4. ALL CORRESPONDENCE TO: (TITLE AND/OR NAME OF INDIVIDUAL) <u>Richard B. Martin</u>		5. TELEPHONE NUMBER FOR AGENCY TO CALL: <u>312/821-3325</u>	
6. ADDRESS FOR CORRESPONDENCE: (CHECK ONLY ONE) <input type="checkbox"/> OWNER <input checked="" type="checkbox"/> OPERATOR <input type="checkbox"/> EMISSION SOURCE		7. YOUR DESIGNATION FOR THIS APPLICATION: <sup>(C)</sup> <u>P P - C O N 9 2 - 1</u>	

8. THE UNDERSIGNED HEREBY MAKES APPLICATION FOR A PERMIT AND CERTIFIES THAT THE STATEMENTS CONTAINED HEREIN ARE TRUE AND CORRECT, AND FURTHER CERTIFIES THAT ALL PREVIOUSLY SUBMITTED INFORMATION REFERENCED IN THIS APPLICATION REMAINS TRUE, CORRECT AND CURRENT. BY AFFIXING HIS SIGNATURE HERETO HE FURTHER CERTIFIES THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION.			
AUTHORIZED SIGNATURE(S): <u>Thomas W. Seitz</u> BY <u>Thomas W. Seitz</u> <u>11/20/92</u> SIGNATURE DATE TYPED OR PRINTED NAME OF SIGNER <u>Plant Manager</u> TITLE OF SIGNER		RECEIVED <u>Richard B. Martin</u> <u>11/24/92</u> BY <u>Richard B. Martin</u> <u>NOV 25 1992</u> SIGNATURE DATE TYPED OR PRINTED NAME OF SIGNER <u>Director of Engineering/Environmental</u> TITLE OF SIGNER <u>Services</u>	
(A) THIS FORM IS TO PROVIDE THE AGENCY WITH GENERAL INFORMATION ABOUT THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS FORM MAY BE USED TO REQUEST A CONSTRUCTION PERMIT, AN OPERATING PERMIT, A CONSTRUCTION OR OPERATING PERMIT.			
(B) ENTER THE GENERIC NAME OF THE EQUIPMENT TO BE CONSTRUCTED OR OPERATED. THIS NAME WILL APPEAR ON THE PERMIT WHICH MAY BE ISSUED PURSUANT TO THIS APPLICATION. THIS FORM MUST BE ACCOMPANIED BY OTHER APPLICABLE FORMS AND INFORMATION.			
(C) PROVIDE A DESIGNATION IN ITEM 7 ABOVE WHICH YOU WOULD LIKE THE AGENCY TO USE FOR IDENTIFICATION OF YOUR EQUIPMENT. YOUR DESIGNATION WILL BE REFERENCED IN CORRESPONDENCE FROM THIS AGENCY RELATIVE TO THIS APPLICATION. YOUR DESIGNATION MUST NOT EXCEED TEN (10) CHARACTERS.			
(D) THIS APPLICATION MUST BE SIGNED IN ACCORDANCE WITH 35 ILL. ADM. CODE 201.154 OR 201.159 WHICH STATES: "ALL APPLICATIONS AND SUPPLEMENTS THERETO SHALL BE SIGNED BY THE OWNER AND OPERATOR OF THE EMISSION SOURCE OR AIR POLLUTION CONTROL EQUIPMENT, OR THEIR AUTHORIZED AGENT, AND SHALL BE ACCOMPANIED BY EVIDENCE OF AUTHORITY TO SIGN THE APPLICATION."			
IF THE OWNER OR OPERATOR IS A CORPORATION, SUCH CORPORATION MUST HAVE ON FILE WITH THE AGENCY A CERTIFIED COPY OF A RESOLUTION OF THE CORPORATION'S BOARD OF DIRECTORS AUTHORIZING THE PERSONS SIGNING THIS APPLICATION TO CAUSE OR ALLOW THE CONSTRUCTION OR OPERATION OF THE EQUIPMENT TO BE COVERED BY THE PERMIT.			

9. DOES THIS APPLICATION CONTAIN A PLOT PLAN/MAP:

☒ YES ☐ NO

IF A PLOT PLAN/MAP HAS PREVIOUSLY BEEN SUBMITTED, SPECIFY:

AGENCY I.D. NUMBER \_\_\_\_\_ APPLICATION NUMBER \_\_\_\_\_

IS THE APPROXIMATE SIZE OF APPLICANT'S PREMISES LESS THAN 1 ACRE?

☐ YES ☒ NO: SPECIFY \_\_\_\_\_ ACRES

10. DOES THIS APPLICATION CONTAIN A PROCESS FLOW DIAGRAM(S) THAT ACCURATELY AND CLEARLY REPRESENTS CURRENT PRACTICE.

☒ YES ☐ NO

11a. WAS ANY EQUIPMENT, COVERED THIS APPLICATION, OWNED OR CONTRACTED FOR, BY THE APPLICANT PRIOR TO APRIL 14, 1972:

☐ YES ☒ NO

IF "YES" ATTACH AN ADDITIONAL SHEET, EXHIBIT A, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT WAS IN COMPLIANCE WITH THE RULES AND REGULATIONS GOVERNING THE CONTROL OF AIR POLLUTION PRIOR TO APRIL 4, 1972

11b. HAS ANY EQUIPMENT, COVERED BY THIS APPLICATION, NOT PREVIOUSLY RECEIVED AN OPERATING PERMIT:

☒ YES ☐ NO

IF "YES", ATTACH AN ADDITIONAL SHEET, EXHIBIT B, THAT:

- (a) LISTS OR DESCRIBES THE EQUIPMENT
- (b) STATES WHETHER THE EQUIPMENT
  - (i) IS ORIGINAL OR ADDITIONAL EQUIPMENT
  - (ii) REPLACES EXISTING EQUIPMENT, OR
  - (iii) MODIFIES EXISTING EQUIPMENT
- (c) PROVIDES THE ANTICIPATED OR ACTUAL DATES OF THE COMMENCEMENT OF CONSTRUCTION AND THE START-UP OF THE EQUIPMENT

12. IF THIS APPLICATION INCORPORATES BY REFERENCE A PREVIOUSLY GRANTED PERMIT(S), HAS FORM APC-210, "DATA AND INFORMATION—INCORPORATION BY REFERENCE" BEEN COMPLETED.

13. DOES THE STARTUP OF AN EMISSION SOURCE COVERED BY THIS APPLICATION PRODUCE AIR CONTAMINANT EMISSION IN EXCESS OF APPLICABLE STANDARDS:

☐ YES ☒ NO

IF "YES," HAS FORM APC-203, "OPERATION DURING STARTUP" BEEN COMPLETED FOR THIS SOURCE.

☐ YES ☐ NO

14. DOES THIS APPLICATION REQUEST PERMISSION TO OPERATE AN EMISSION SOURCE DURING MALFUNCTIONS OR BREAKDOWNS:

☐ YES ☒ NO

IF "YES," HAS FORM APC-204, "OPERATION DURING MALFUNCTION AND BREAKDOWN" BEEN COMPLETED FOR THIS SOURCE

☐ YES ☐ NO

15. IS AN EMISSION SOURCE COVERED BY THIS APPLICATION SUBJECT TO A FUTURE COMPLIANCE DATE:

☐ YES ☒ NO

IF "YES," HAS FORM APC-202, "COMPLIANCE PROGRAM & PROJECT COMPLETION SCHEDULE," BEEN COMPLETED FOR THIS SOURCE:

☐ YES ☐ NO

16. DOES THE FACILITY COVERED BY THIS APPLICATION REQUIRE AN EPISODE ACTION PLAN (REFER TO GUIDELINES FOR EPISODE ACTION PLANS):

☐ YES ☒ NO

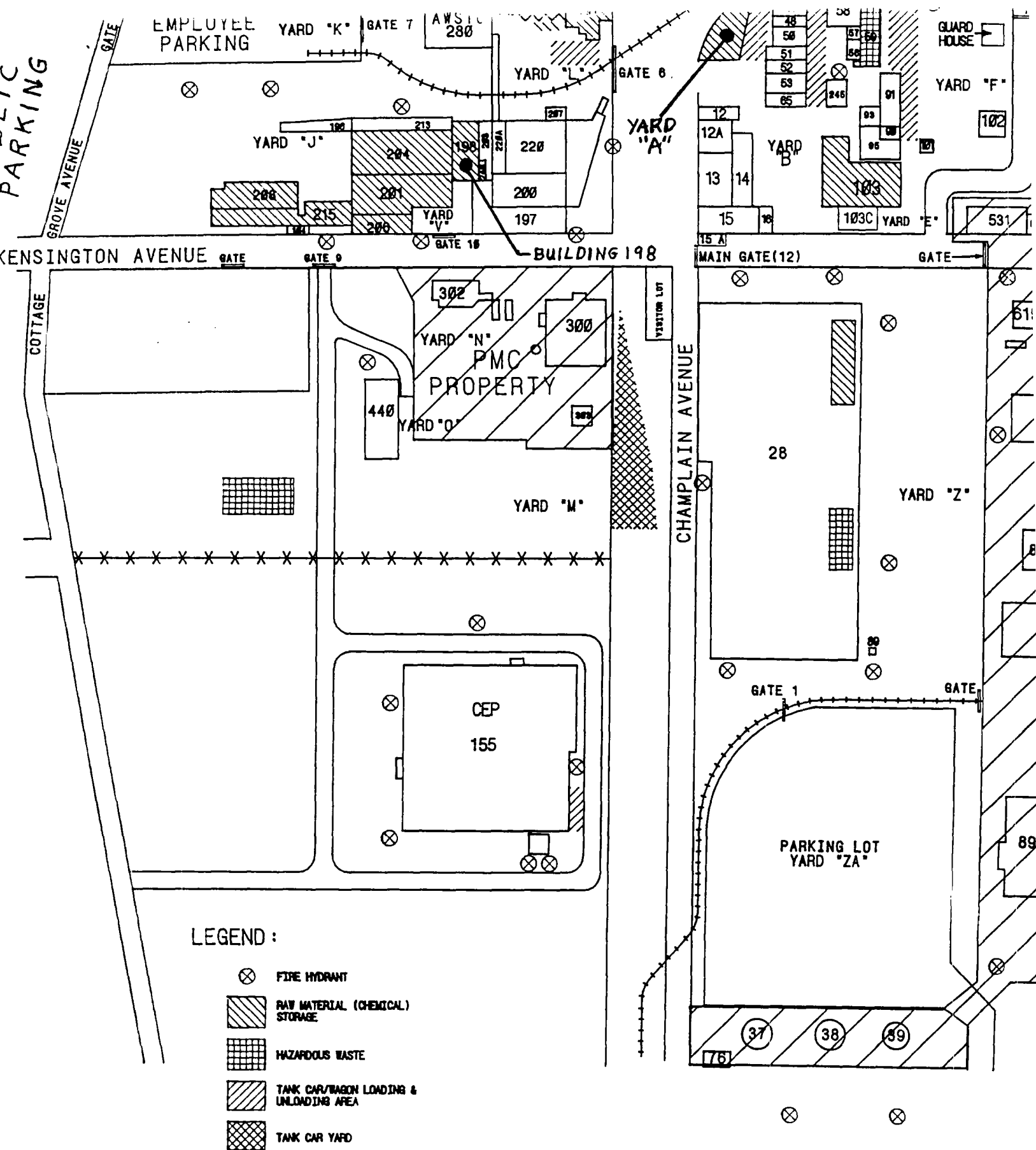
17. LIST AND IDENTIFY ALL FORMS, EXHIBITS, AND OTHER INFORMATION SUBMITTED AS PART OF THIS APPLICATION. INCLUDE THE PAGE NUMBERS OF EACH ITEM (ATTACH ADDITIONAL SHEETS IF NECESSARY):

PROCESS FLOW DIAGRAM - PM-3  
PLOT PLAN/MAP — PM-4  
APC 232 FORMS FOR STORAGE TANKS PM 5 - PM 18

TOTAL NUMBER OF PAGES \_\_\_\_\_









STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62706

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

PROCESS EMISSION SOURCE ADDENDUM  TANK	FOR AGENCY USE ONLY
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1. NAME OF OWNER: <i>The Sherwin-Williams Co</i>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <i>Coatings</i>
3. STREET ADDRESS OF EMISSION SOURCE: <i>11541 S. Champlain Ave</i>	4. CITY OF EMISSION SOURCE: <i>Chicago</i>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <i>Unknown</i>		6. DESIGNATION OF TANK: <i>Tank #1 (Bldg 198-1)</i>	
7. SERIAL NUMBER: <i>Unknown</i>		8. CAPACITY: <i>10,000 gallons</i>	
9. TANK USE: <i>Raw Material Storage</i>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: <i>1</i>	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input checked="" type="checkbox"/> OTHER(SPECIFY) <i>Square</i>			
12. TANK DIAMETER: <i>—</i> FT		13. TANK HEIGHT: <i>10 2/3</i> FT	
14. TANK LENGTH: <i>11</i> FT		15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION	
16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF		17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE	
18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <i>5</i> FT.		19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) <i>—</i>	
20. PAINT COLOR: <i>Beige</i>			

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. <i>1</i>	b. <i>Atmos.</i> PSIG	c. <i>Atmos.</i>

PM-5

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MATERIAL TO BE STORED		
25. MATERIAL: <i>Polymerized Vegetable Oil</i>	26. DENSITY: <i>62.8</i> LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: <i>0</i> PSIA

STORAGE CONDITIONS				
28. STORAGE TEMPERATURE: MINIMUM <i>110</i> °F MAXIMUM <i>130</i> °F		29. TANK TURN OVER PER YEAR: <i>90,336</i>	<input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/ YR	
30. MAXIMUM FILLING RATE: <i>5,000</i>		<input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY	31. AVERAGE THROUGHPUT: <i>36</i>	<input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.		

*PIM-6*



STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62706

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

PROCESS EMISSION SOURCE ADDENDUM  TANK	FOR AGENCY USE ONLY
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1. NAME OF OWNER: <i>The Sherwin-Williams Co</i>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <i>Coatings</i>
3. STREET ADDRESS OF EMISSION SOURCE: <i>11541 S. Champlain Ave</i>	4. CITY OF EMISSION SOURCE: <i>Chicago</i>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <i>Unknown</i>		6. DESIGNATION OF TANK: <i>Tank # 2 (Bldg 198-1)</i>	
7. SERIAL NUMBER: <i>Unknown</i>		8. CAPACITY: <i>10,000 gallons</i>	
9. TANK USE: <i>Raw Material Storage</i>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: <i>—</i>	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input checked="" type="checkbox"/> OTHER(SPECIFY) <i>Square</i>			
12. TANK DIAMETER: <i>—</i> FT		13. TANK HEIGHT: <i>10 2/3</i> FT	
14. TANK LENGTH: <i>11</i> FT			
15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION		16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) <i>—</i>	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) <i>—</i>		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <i>5</i> FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) <i>—</i>		20. PAINT COLOR: <i>Beige</i>	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. <i>1</i>	b. <i>Atmos.</i> PSIG	c. <i>Atmos.</i>

PM-7

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MATERIAL TO BE STORED		
25. MATERIAL: Di-2-Ethylhexyl Adipate	26. DENSITY: 57.7 LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: 0 PSIA

STORAGE CONDITIONS			
28. STORAGE TEMPERATURE: MINIMUM 70 °F MAXIMUM 95 °F		29. TANK TURN OVER PER YEAR: 47,479	<input type="checkbox"/> BBLS/YR <input checked="" type="checkbox"/> GALS/YR
30. MAXIMUM FILLING RATE: 5,000 <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY		31. AVERAGE THROUGHPUT: 190	<input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.	

P 111-8



STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62706

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

PROCESS EMISSION SOURCE ADDENDUM  TANK	FOR AGENCY USE ONLY
--	---------------------

1. NAME OF OWNER: <i>The Sherwin-Williams Co</i>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <i>Coatings</i>
3. STREET ADDRESS OF EMISSION SOURCE: <i>11541 S. Champlain Ave</i>	4. CITY OF EMISSION SOURCE: <i>Chicago</i>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <i>Owens Corning</i>		6. DESIGNATION OF TANK: <i>Tank #3 (Bldg 198-1)</i>	
7. SERIAL NUMBER: <i>VA 32888-1</i>		8. CAPACITY: <i>11,770 gallons</i>	
9. TANK USE: <i>Raw Material Storage</i>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: <i>—</i>	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) <i>—</i>			
12. TANK DIAMETER: <i>10 1/3</i> FT		13. TANK HEIGHT: <i>21 1/2</i> FT	
14. TANK LENGTH: <i>—</i> FT			
15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION		16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) <i>—</i>	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) <i>—</i>		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <i>11</i> FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input type="checkbox"/> WELDED <input checked="" type="checkbox"/> OTHER(SPECIFY) <i>WOUND FIBERGLASS</i>		20. PAINT COLOR: <i>Neutral</i>	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a. <i>—</i>	b. <i>—</i> PSIG	c. <i>—</i>
22. PRESSURE	a. <i>—</i>	b. <i>—</i> PSIG	c. <i>—</i>
23. VACUUM	a. <i>—</i>	b. <i>—</i> PSIG	c. <i>—</i>
24. OPEN	a. <i>1</i>	b. <i>Atmos.</i> PSIG	c. <i>Atmos.</i>

P11-9

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MATERIAL TO BE STORED:		
25. MATERIAL: <u>Latex</u>	26. DENSITY: <u>65.1</u> LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: <u>0.34</u> PSIA (water)

STORAGE CONDITIONS			
28. STORAGE TEMPERATURE: MINIMUM <u>70</u> °F MAXIMUM <u>95</u> °F		29. TANK TURN OVER PER YEAR: <u>20,634</u> <input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/YR	
30. MAXIMUM FILLING RATE: <u>5000</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY		31. AVERAGE THROUGHPUT: <u>83</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY	
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.	





STATE OF ILLINOIS  
ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF AIR POLLUTION CONTROL  
2200 CHURCHILL ROAD  
SPRINGFIELD, ILLINOIS 62706

This Agency is authorized to require this information under Illinois Revised Statutes, 1979, Chapter 111 1/2, Section 1039. Disclosure of this information is required under that Section. Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

PROCESS EMISSION SOURCE ADDENDUM	FOR AGENCY USE ONLY
TANK	

1. NAME OF OWNER: <i>The Sherwin-Williams Co</i>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <i>Coatings</i>
3. STREET ADDRESS OF EMISSION SOURCE: <i>11541 S. Champlain Ave</i>	4. CITY OF EMISSION SOURCE: <i>Chicago</i>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <i>Owens Corning</i>		6. DESIGNATION OF TANK: <i>Tank # 4 (Bldg 198-1)</i>	
7. SERIAL NUMBER: <i>VA 32868-2</i>		8. CAPACITY: <i>11,770 gallons</i>	
9. TANK USE: <i>Raw Material Storage</i>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: <i>—</i>	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____			
12. TANK DIAMETER: <i>10 1/3</i> FT		13. TANK HEIGHT: <i>21 1/2</i> FT	
14. TANK LENGTH: <i>—</i> FT			
15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION		16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> PRESSURE <input type="checkbox"/> OTHER(SPECIFY) _____	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <i>11</i> FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) <i>WOUND FIBERGLASS</i>		20. PAINT COLOR: <i>Neutral</i>	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. <i>1</i>	b. <i>Atmos</i> PSIG	c. <i>Atmos</i>

PM-11

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MATERIAL TO BE STORED		
25. MATERIAL: <u>Polyol</u>	26. DENSITY: <u>59.8</u> LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: <u>0</u> PSIA

STORAGE CONDITIONS			
28. STORAGE TEMPERATURE: MINIMUM <u>70</u> °F MAXIMUM <u>95</u> °F		29. TANK TURN OVER PER YEAR: <u>47,862</u>	<input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/YR
30. MAXIMUM FILLING RATE: <u>5,000</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY		31. AVERAGE THROUGHPUT: <u>192</u>	<input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.	



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PROCESS EMISSION SOURCE ADDENDUM  TANK	FOR AGENCY USE ONLY
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1. NAME OF OWNER: <u>The Sherwin-Williams Co</u>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <u>Coatings</u>
3. STREET ADDRESS OF EMISSION SOURCE: <u>11541 S. Champlain Ave</u>	4. CITY OF EMISSION SOURCE: <u>Chicago</u>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <u>Owens Corning</u>		6. DESIGNATION OF TANK: <u>Tank #5 (Bldg 198-1)</u>	
7. SERIAL NUMBER: <u>VA 32888-3</u>		8. CAPACITY: <u>11,770 gallons</u>	
9. TANK USE: <u>Raw Material Storage</u>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL: <u>1</u>	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____			
12. TANK DIAMETER: <u>10 1/3</u> FT		13. TANK HEIGHT: <u>21 1/2</u> FT	
14. TANK LENGTH: _____ FT			
15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION		16. TANK TYPE: <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <u>11</u> FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) <u>FIBERGLASS</u>		20. PAINT COLOR: <u>Neutral</u>	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN	a. <u>1</u>	b. <u>Atmos.</u> PSIG	c. <u>Atmos.</u>

PM-13

MATERIAL TO BE STORED:		
25. MATERIAL: <u>Latex</u>	26. DENSITY: <u>64.3</u> LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: <u>0.34</u> PSIA (water)

STORAGE CONDITIONS	
28. STORAGE TEMPERATURE: MINIMUM <u>70</u> °F MAXIMUM <u>95</u> °F	29. TANK TURN OVER PER YEAR: <u>87,301</u> <input type="checkbox"/> BBLS/YR <input checked="" type="checkbox"/> GALS/YR
30. MAXIMUM FILLING RATE: <u>5,000</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY	31. AVERAGE THROUGHPUT: <u>349</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.

PM-14



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FOR AGENCY USE ONLY

PROCESS EMISSION SOURCE ADDENDUM

TANK

1. NAME OF OWNER: <i>The Sherwin-Williams Co</i>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <i>Coatings</i>
3. STREET ADDRESS OF EMISSION SOURCE: <i>11541 S. Champlain Ave</i>	4. CITY OF EMISSION SOURCE: <i>Chicago</i>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <i>UNKNOWN</i>		6. DESIGNATION OF TANK: <i>Tank 699 (BET YHRD "A")</i>	
7. SERIAL NUMBER: <i>UNKNOWN</i>		8. CAPACITY: <i>7500</i>	
9. TANK USE: <i>CLEAN WASH SOLVENT STORAGE</i>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL:	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____			
12. TANK DIAMETER: <i>12</i> FT		13. TANK HEIGHT: <i>12.4</i> FT	
14. TANK LENGTH: _____ FT			
15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION		16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER (SPECIFY) _____		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <i>6</i> FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____		20. PAINT COLOR: <i>BEIGE</i>	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN <i>X</i>	a. <i>1</i>	b. <i>ATMOS, PSIG</i>	c. <i>ATMOS.</i>

PM-15

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MATERIAL TO BE STORED:		
25. MATERIAL: <u>CLEAN WASH SOLVENT</u>	26. DENSITY: <u>51.9</u> LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: <u>1.35</u> PSIA

STORAGE CONDITIONS			
28. STORAGE TEMPERATURE: MINIMUM <u>20</u> °F MAXIMUM <u>95</u> °F		29. TANK TURN OVER PER YEAR: <u>175,000</u>	<input type="checkbox"/> BBLS/ <input checked="" type="checkbox"/> GALS/yr
30. MAXIMUM FILLING RATE: <u>4000</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY		31. AVERAGE THROUGHPUT: <u>588</u>	<input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		33. PERMANENT SUBMERGED LOADING PIPE USED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.	

PM-16



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ENVIRONMENTAL PROTECTION AGENCY  
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SPRINGFIELD, ILLINOIS 62706

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PROCESS EMISSION SOURCE ADDENDUM  TANK	FOR AGENCY USE ONLY
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1. NAME OF OWNER: <i>The Sherwin-Williams Co</i>	2. NAME OF CORPORATE DIVISION OR PLANT (IF DIFFERENT FROM OWNER): <i>Coatings</i>
3. STREET ADDRESS OF EMISSION SOURCE: <i>11541 S. Champlain</i>	4. CITY OF EMISSION SOURCE: <i>Chicago</i>

TANK INFORMATION			
5. NAME OF TANK MANUFACTURER: <i>UNKNOWN</i>		6. DESIGNATION OF TANK: <i>Tank 698 (YARD "A")</i>	
7. SERIAL NUMBER: <i>UNKNOWN</i>		8. CAPACITY: <i>15,000 GALS.</i>	
9. TANK USE: <i>SPENT WASH SOLVENT STORAGE</i>		10. NUMBER OF SAME CAPACITY TANKS STORING SAME MATERIAL:	
11. TANK SHAPE: <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> CYLINDRICAL <i>WITH CONE BOTTOM</i> <input type="checkbox"/> SPHERICAL <input type="checkbox"/> OTHER(SPECIFY) _____			
12. TANK DIAMETER: <i>12.2</i> FT	13. TANK HEIGHT: <i>21</i> FT	14. TANK LENGTH: _____ FT	
15. STATUS: <input checked="" type="checkbox"/> EXISTING <input type="checkbox"/> ALTERATION		16. TANK TYPE: <input type="checkbox"/> PRESSURE <input checked="" type="checkbox"/> FIXED ROOF <input type="checkbox"/> FLOATING ROOF <input type="checkbox"/> OTHER(SPECIFY) _____	
17. SEAL: <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/> OTHER(SPECIFY) _____		18. AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID: <i>7</i> FT.	
19. SHELL TYPE: <input type="checkbox"/> RIVETED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> OTHER(SPECIFY) _____		20. PAINT COLOR: <i>GREY</i>	

VENT VALVE DATA			
TYPE OF VENT	NUMBER OF VENTS	PRESSURE SETTING	DISCHARGE VENTED TO (ATMOSPHERE, FLARE, ETC.)
21. COMBINATION	a.	b. PSIG	c.
22. PRESSURE	a.	b. PSIG	c.
23. VACUUM	a.	b. PSIG	c.
24. OPEN <i>X</i>	a. <i>1</i>	b. <i>ATMOS.</i> PSIG	c. <i>ATMOS.</i>

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MATERIAL TO BE STORED:		
25. MATERIAL: <u>SPENT WASH SOLVENT</u>	26. DENSITY: <u>56.5</u> LB/FT <sup>3</sup>	27. VAPOR PRESSURE AT 70°F: <u>1.35</u> PSIA

STORAGE CONDITIONS			
28. STORAGE TEMPERATURE: MINIMUM <u>20</u> °F      MAXIMUM <u>95</u> °F		29. TANK TURN OVER PER YEAR: <u>500,000</u>	<input type="checkbox"/> BBLS/YR <input checked="" type="checkbox"/> GALS/YR
30. MAXIMUM FILLING RATE: <u>4000</u> <input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY		31. AVERAGE THROUGHPUT: <u>2000</u>	<input type="checkbox"/> BBLS/DAY <input checked="" type="checkbox"/> GALS/DAY
32. PRESSURE EQUALIZERS USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		33. PERMANENT SUBMERGED LOADING PIPE USED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
34. VAPOR LOSS CONTROL DEVICE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		IF VAPOR LOSS CONTROL DEVICE IS USED, COMPLETE "DATA & INFORMATION -- AIR POLLUTION CONTROL EQUIPMENT," (FORM APC-260), AS PART OF THIS APPLICATION.	

PM-18



SOURCE	DESCR	(10) DATA	(11) MODE	(12) EMISSIONS	(13) CAPTURED BY CONTROL	(14) CAPTURED BY STACK
0051	6 Storage tanks	A-REF	0001	P S N <u>0</u> C		
0052	tank 698	A-REF	0001	P S N <u>0</u> C		
				P S N O C		
				P S N O C		
				P S N O C		
				P S N O C		
				P S N O C		
				P S N O C		
				P S N O C		
				P S N O C		

CONTROL	DESCR	(15) DATA	(16) CONTROLS POLLUTANT	(17) CAPTURED BY CONTROL	(18) CAPTURED BY STACK
			P S N O C		
			P S N O C		
			P S N O C		
			P S N O C		
			P S N O C		
			P S N O C		
			P S N O C		

STACK	(21) DATA

STACK	(21) DATA

STACK	(21) DATA